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Attorney Docket No. 7148-108A-US

NOV 29 2004

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

DITMAR L. GORGES AND MICHAEL HIGGINS

Serial No. 10/647,603

Filed: 25 August 2003

For: HORIZONTAL-FLOW TRAP AND HOUSING ASSEMBLY  
WITH ODOR PREVENTING CLOSURE MECHANISM

Group Art No. 3753

Examiner: John A. Rivell

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In recognition of their duty to disclose all relevant material information of which they are aware, Applicants direct the Examiner's attention to the 3 references listed on the attached PTO Form 1449. These references were developed in a PCT International Search in International Application No. PCT/US 02/01727 corresponding to the parent application, Serial No. 055,833, of this application. A copy of the International Search Report is also enclosed.

Respectfully submitted,



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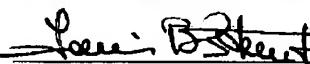
Enc. Copy-PTO Form 1449

-Copy-PCT/EPO International Search Report - 04 JUN 2002

-References (3)

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office [Fax No. (703) 872-8301] on November 29, 2004.

  
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Registration No. 20,761

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Form PTO-1449

NOV 29 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY DOCKET NO.: 7148-108A-US

SERIAL NO. 10/647,603

APPLICANT(S): DITMAR L. GORGES AND MICHAEL HIGGINS

FILING DATE: 25 August 2003

GROUP: 3753

U.S. PATENT DOCUMENTS

| EXAM'R  | DOCUMENT  |         | CLASS/   | FILING     |           |
|---------|-----------|---------|----------|------------|-----------|
| INITIAL | NUMBER    | DATE    | SUBCLASS | DATE       |           |
|         | 6,053,197 | 25APR00 | Gorges   | 137/247.39 | 14 SEP 98 |
|         |           |         |          |            |           |
|         |           |         |          |            |           |
|         |           |         |          |            |           |

FOREIGN PATENT DOCUMENTS

| EXAM'R  | DOCUMENT   |         | TRANSLATION     |     |    |
|---------|------------|---------|-----------------|-----|----|
| INITIAL | NUMBER     | DATE    | COUNTRY         | YES | NO |
|         | GB 2278372 | 30NOV94 | United Kingdom  |     | X  |
|         | EP 0903444 | 24MAR99 | European Patent |     | X  |
|         |            |         |                 |     |    |
|         |            |         |                 |     |    |

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, etc.)

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

|  |   |  |
|--|---|--|
| Applicant's or agent's file reference<br><b>7148-108-PCT</b> | FOR FURTHER ACTION <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.</small> |  |
| International application No.<br><b>PCT/US 02/01727</b>      | International filing date (day/month/year)<br><b>22/01/2002</b>   | (Earliest) Priority Date (day/month/year)<br><b>22/01/2001</b> |
| Applicant<br><b>FALCON WATERFREE TECHNOLOGIES</b>            |   |  |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.  
 It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of Invention is lacking (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 3.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

None of the figures.

## INTERNATIONAL SEARCH REPORT

|                               |
|-------------------------------|
| International application No. |
| PCT/US 02/01727               |

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

An odor trap apparatus (20) for conveyance of wastewater to an external drain includes a housing (32) having an interior and an opening (48) extending from the interior to the external drain, and a cartridge (22) receivable in the housing interior. The cartridge has an opening (26) for receiving the wastewater and an exit opening (78) disposed to communicate with the housing opening. The cartridge and the housing have positions of final secured interconnection, when openings (26, 48) are aligned and of initial unsecured interconnection, when their openings are not aligned. A lever (52) is swivelably secured to the housing bottom wall (46), and has a cap (54) for closing the housing exit tube (28) and a projection (56) engageable with the cartridge for effecting the closure when the housing opening (48) is not aligned with the cartridge exit opening (78).

## INT'L NATIONAL SEARCH REPORT

International Application No.  
PCT/US 02/01727A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 E03C1/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E03C E03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X          | GB 2 278 372 A (ACO POLYMER PRODUCTS LTD<br>;ACO TECHNOLOGIES PLC (GB))<br>30 November 1994 (1994-11-30)<br>page 4, paragraph 2 -page 6, paragraph 1;<br>figures | 1,7-10,<br>21,22      |
| A          | -----  | 20,23                 |
| X          | EP 0 903 444 A (ILLY BOB W)<br>24 March 1999 (1999-03-24)<br>column 4, line 10 - line 20; figures  | 1,15                  |
| A          | -----  | 20,21,23              |
| A          | US 6 053 197 A (GORGES DITMAR L)<br>25 April 2000 (2000-04-25)<br>cited in the application<br>the whole document<br>-----  | 1,20,21,<br>23        |

 Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

21 May 2002

Date of mailing of the International search report

04/06/2002

Name and mailing address of the ISA

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De Coene, P

Form PCT/ISA/210 (second sheet) (July 1992)

## INT'L NATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/01727

| Patent document cited in search report |   | Publication date |      | Patent family member(s) | Publication date |
|--|---|------------------|------|-------------------------|------------------|
| GB 2278372                             | A | 30-11-1994       | FR   | 2705705 A1              | 02-12-1994       |
| EP 0903444                             | A | 24-03-1999       | EP   | 0903444 A1              | 24-03-1999       |
|  |   |                  | AU   | 8796598 A               | 12-04-1999       |
|  |   |                  | WO   | 9915736 A1              | 01-04-1999       |
| US 6053197                             | A | 25-04-2000       | NONE |                         |                  |